

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG092118\
 Data File : BG036869.D
 Acq On : 21 Sep 2018 21:59
 Operator : JU/SJ
 Sample : J4777-24
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-092018-B

Quant Time: Sep 22 04:29:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 20 20:07:11 2018
 Response via : Initial Calibration

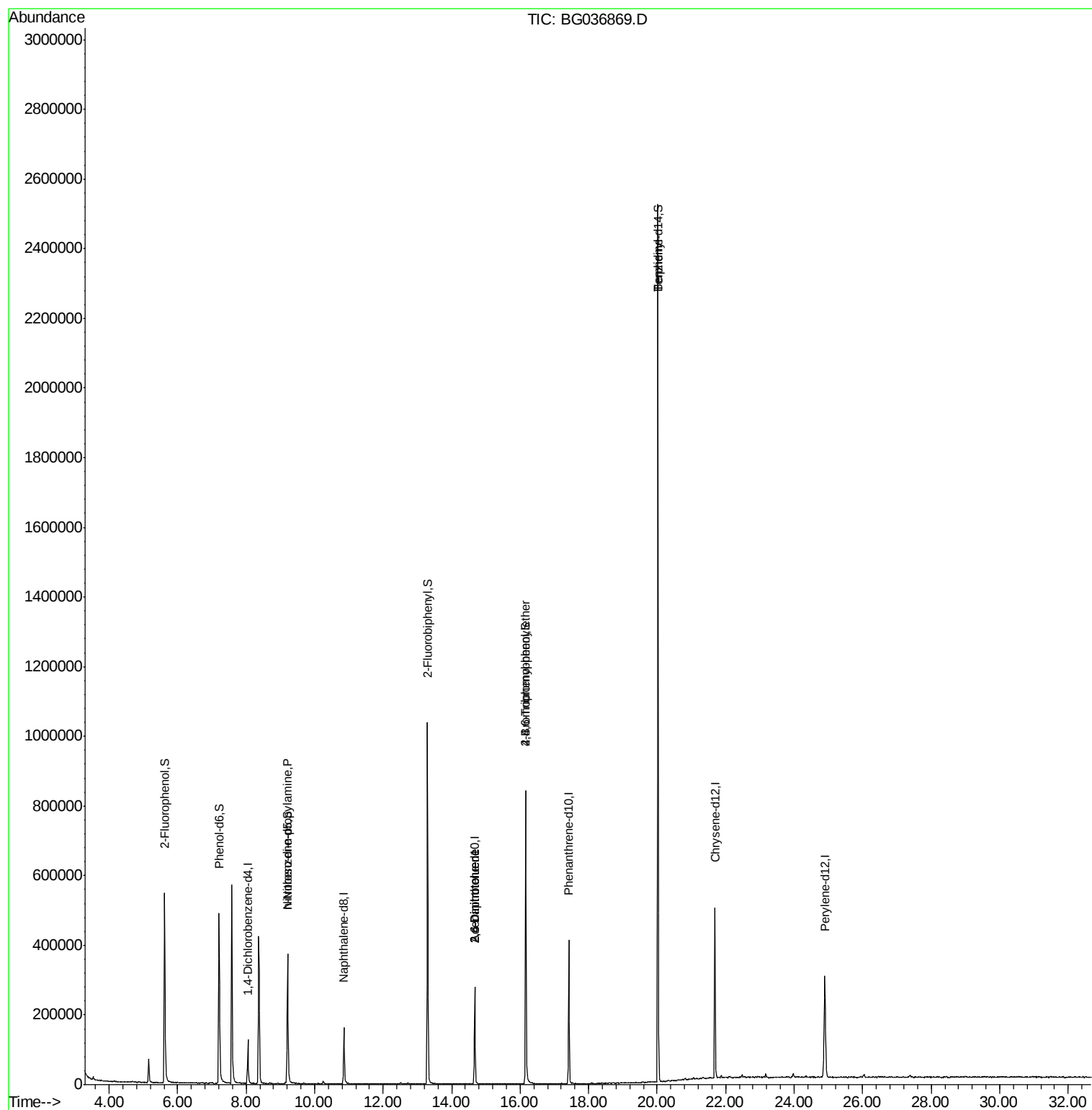
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	38165	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	155573	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	103123	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	284067	20.00	ng	0.00
75) Chrysene-d12	21.69	240	323063	20.00	ng	0.00
86) Perylene-d12	24.89	264	320113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	261138	131.22	ng	0.00
7) Phenol-d6	7.21	99	330922	107.48	ng	0.00
23) Nitrobenzene-d5	9.21	82	258550	89.00	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	177263	143.67	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	571801	82.58	ng	0.00
78) Terphenyl-d14	20.02	244	1228484	99.99	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	34643	13.525	ng	# 76
50) 2,6-Dinitrotoluene	14.67	165	13584	7.501	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	13584	5.375	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	12111	3.748	ng	# 1
76) Benzidine	20.02	184	21136	2.164	ng	# 93

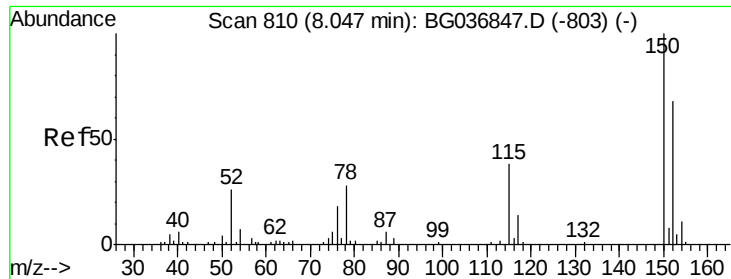
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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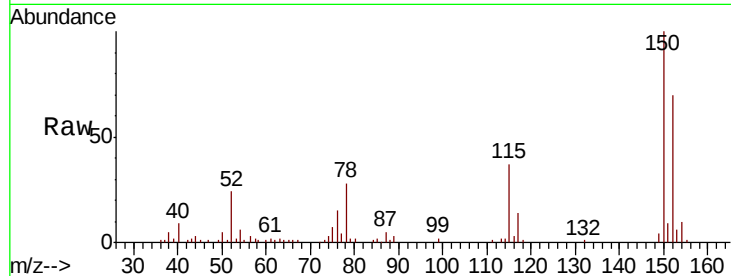


#1

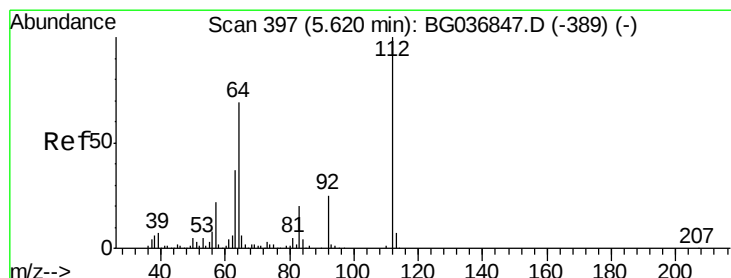
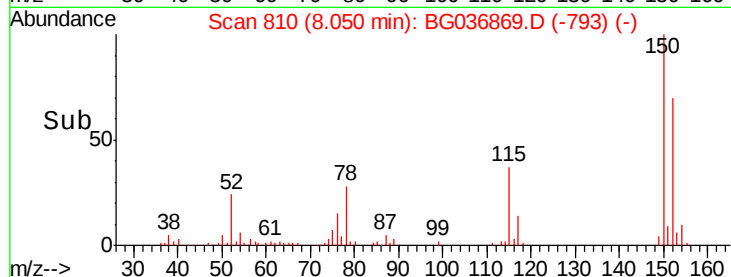
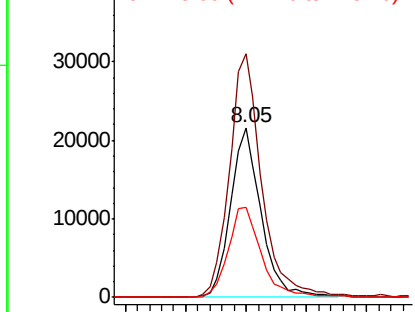
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. 0.00 min
Lab File: BG036869.D
Acq: 21 Sep 2018 21:59

Instrument :
BNA_G
ClientSampleId :
PL-03-092018-B

Tgt Ion:152 Resp: 38165
Ion Ratio Lower Upper
152 100
150 143.6 119.5 179.3
115 53.2 44.5 66.7



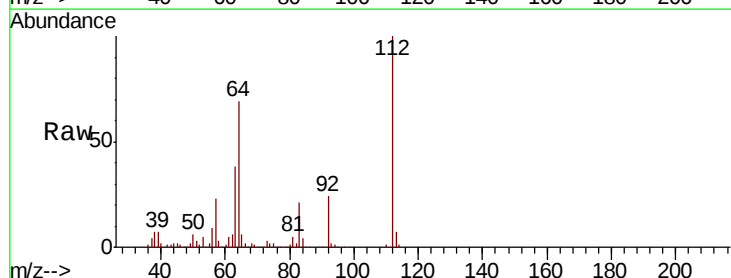
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



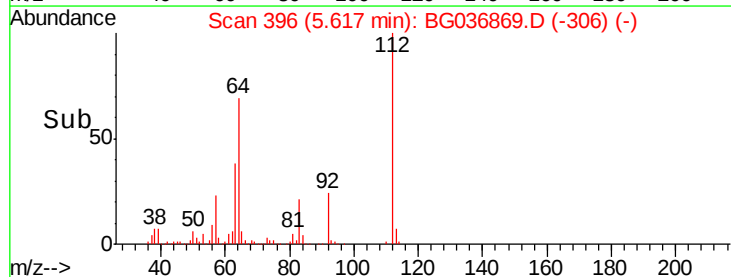
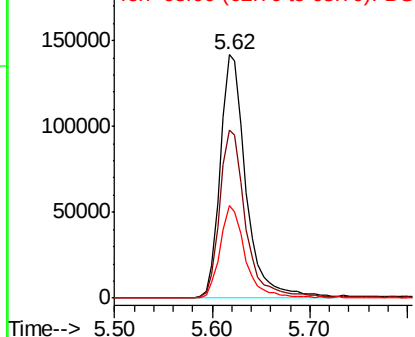
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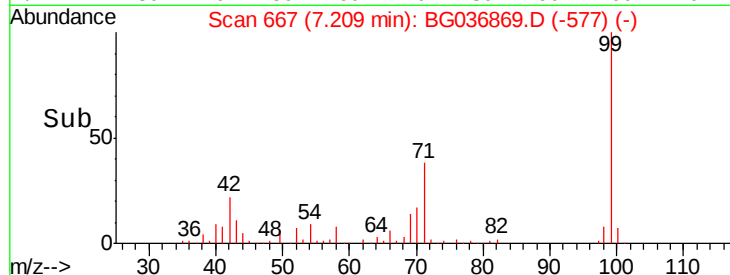
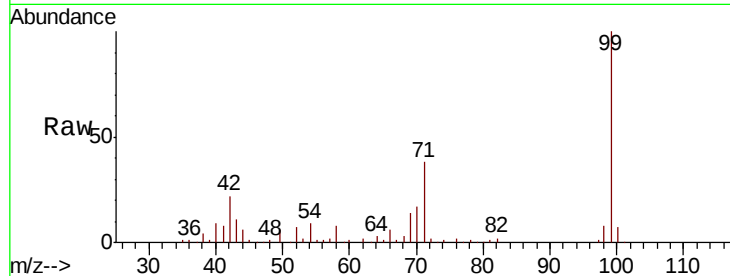
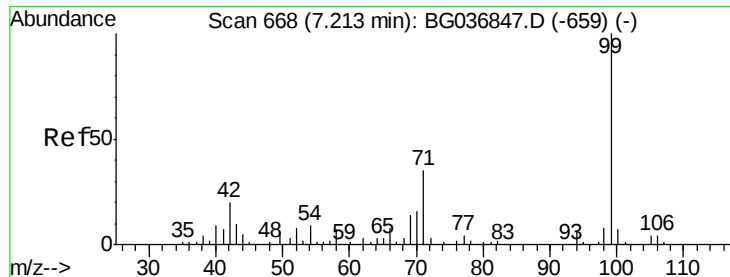
2-Fluorophenol
Concen: 131.221 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG036869.D
Acq: 21 Sep 2018 21:59

Tgt Ion:112 Resp: 261138
Ion Ratio Lower Upper
112 100
64 69.3 57.2 85.8
63 38.0 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 107.479 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG036869.D

Acq: 21 Sep 2018 21:59

Instrument :

BNA_G

ClientSampleId :

PL-03-092018-B

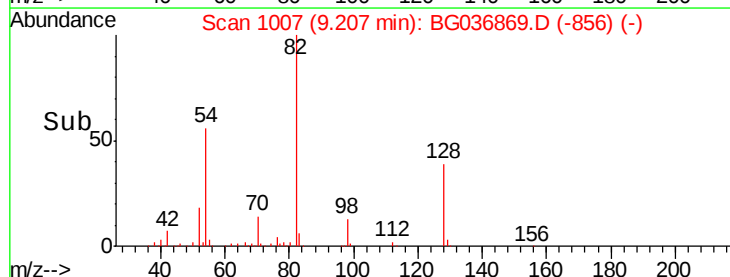
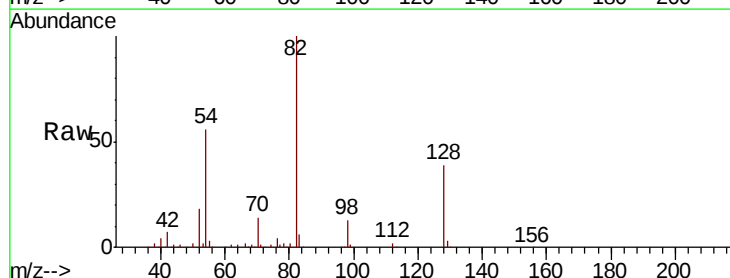
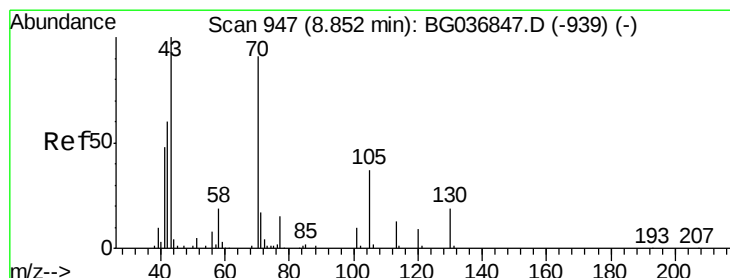
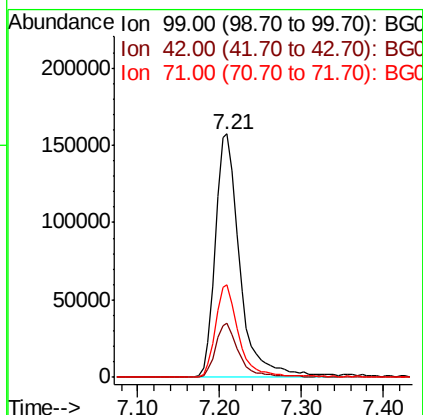
Tgt Ion: 99 Resp: 330922

Ion Ratio Lower Upper

99 100

42 22.0 16.5 24.7

71 38.0 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.525 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.36 min

Lab File: BG036869.D

Acq: 21 Sep 2018 21:59

Tgt Ion: 70 Resp: 34643

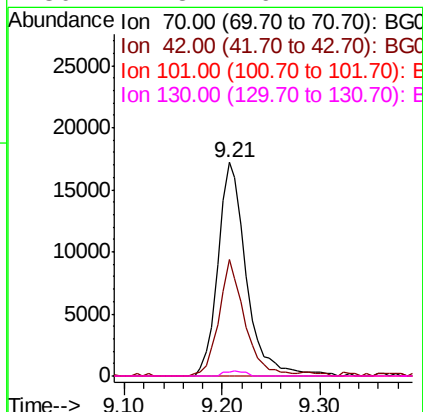
Ion Ratio Lower Upper

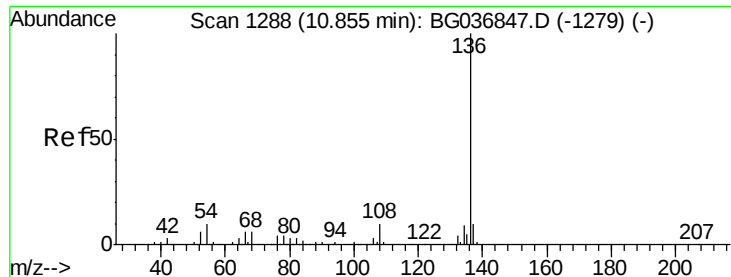
70 100

42 54.4 56.2 84.4#

101 0.0 7.8 11.6#

130 1.8 16.2 24.2#

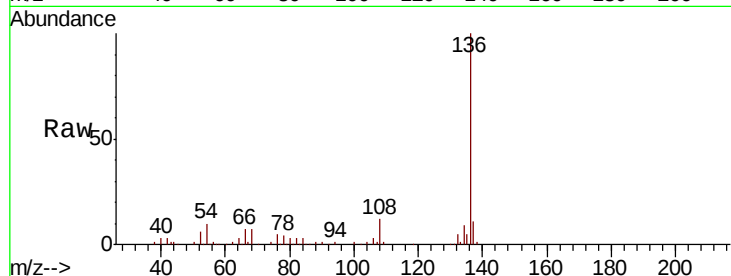




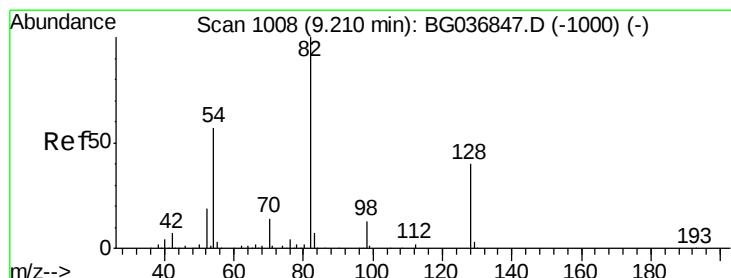
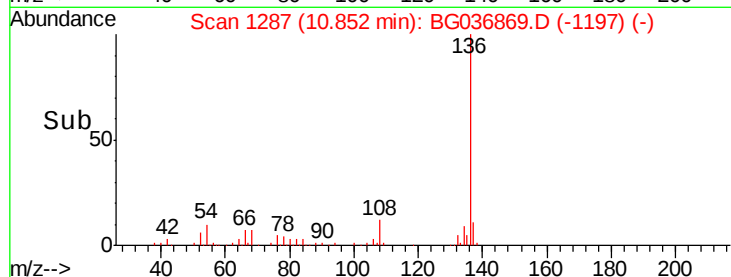
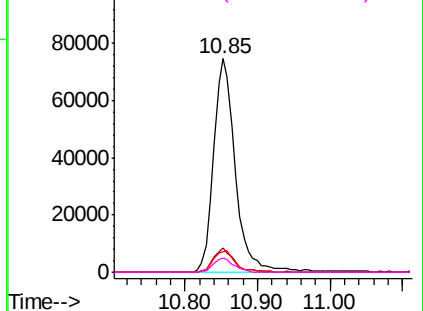
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG036869.D
Acq: 21 Sep 2018 21:59

Instrument :
BNA_G
ClientSampleId :
PL-03-092018-B

Tgt Ion:	136	Resp:	155573
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	9.8	9.2	13.8
68	6.9	5.8	8.6

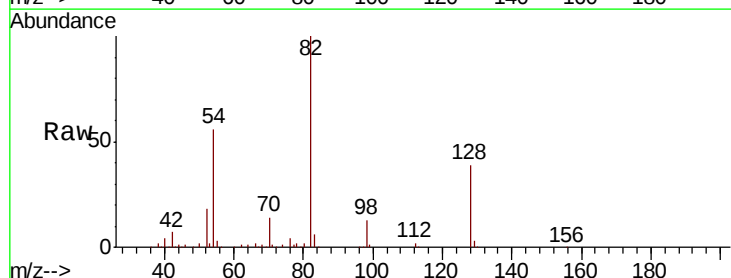


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

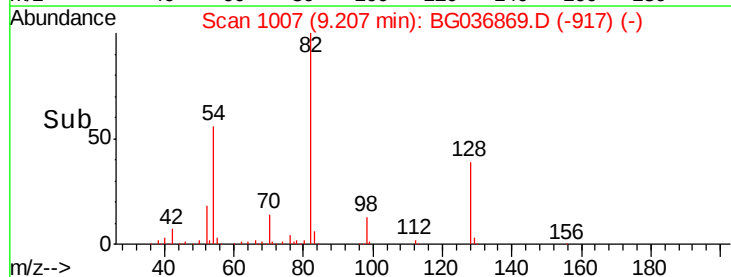
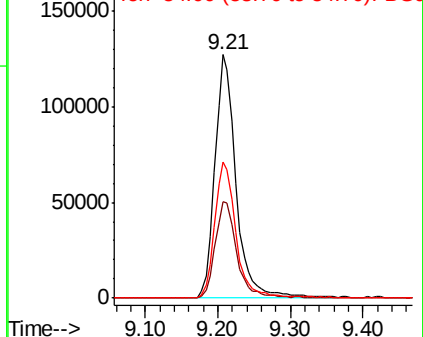


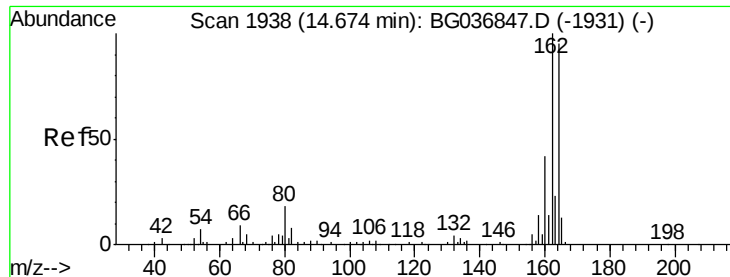
#23
Nitrobenzene-d5
Concen: 88.998 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BG036869.D
Acq: 21 Sep 2018 21:59

Tgt Ion:	82	Resp:	258550
Ion	Ratio	Lower	Upper
82	100		
128	39.4	33.3	49.9
54	56.1	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.00 min

Lab File: BG036869.D

Acq: 21 Sep 2018 21:59

Instrument :

BNA_G

ClientSampleId :

PL-03-092018-B

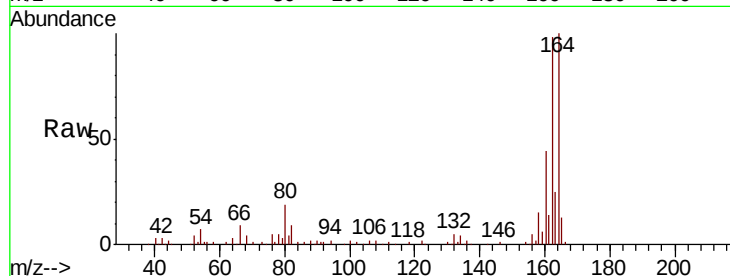
Tgt Ion:164 Resp: 103123

Ion Ratio Lower Upper

164 100

162 97.8 80.7 121.1

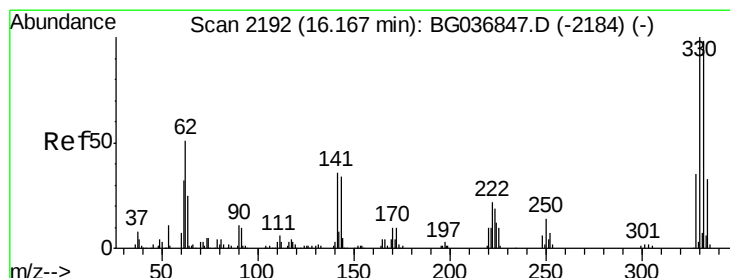
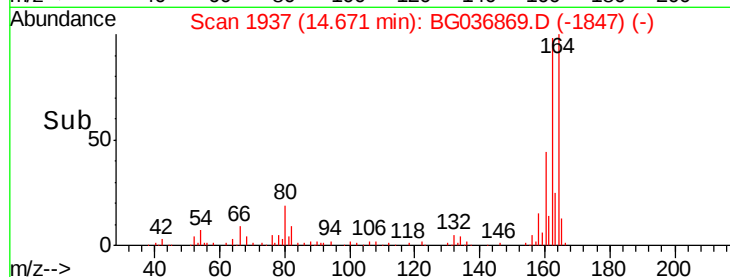
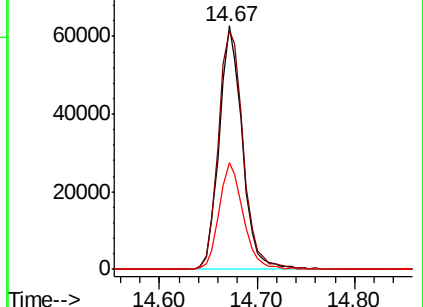
160 44.0 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 143.672 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG036869.D

Acq: 21 Sep 2018 21:59

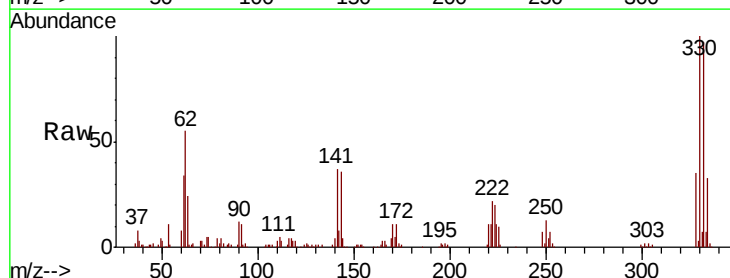
Tgt Ion:330 Resp: 177263

Ion Ratio Lower Upper

330 100

332 93.9 75.4 113.2

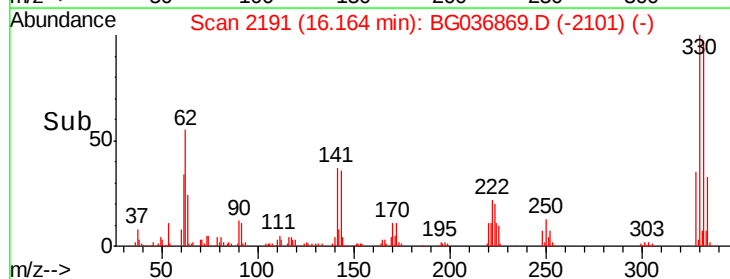
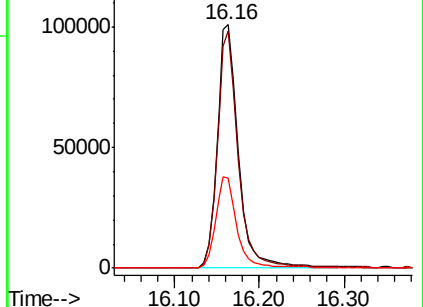
141 37.7 30.7 46.1

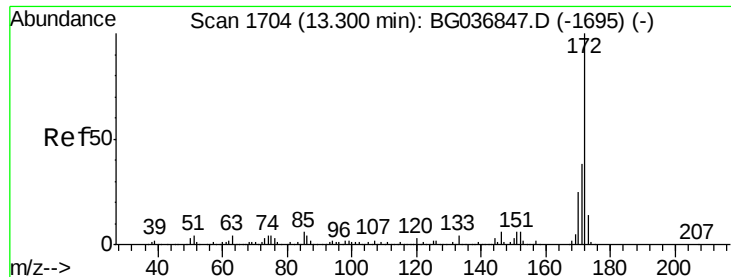


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

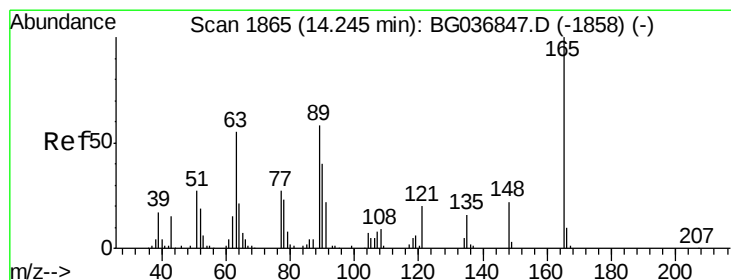
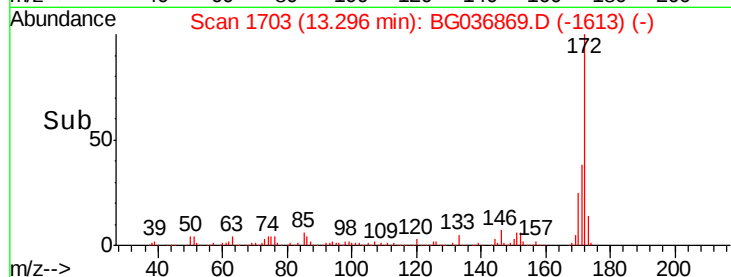
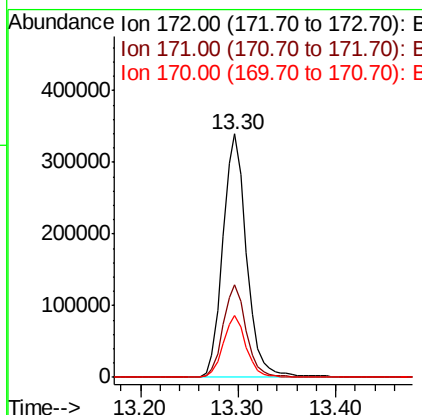
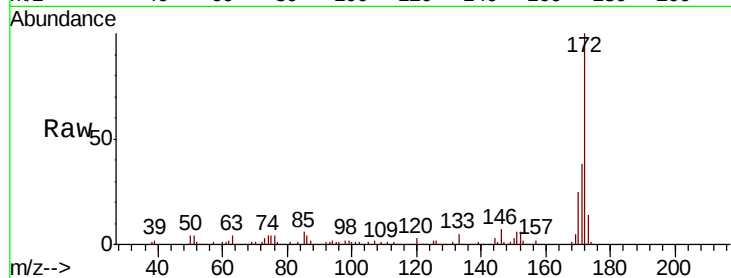




#44
 2-Fluorobiphenyl
 Concen: 82.584 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG036869.D
 Acq: 21 Sep 2018 21:59

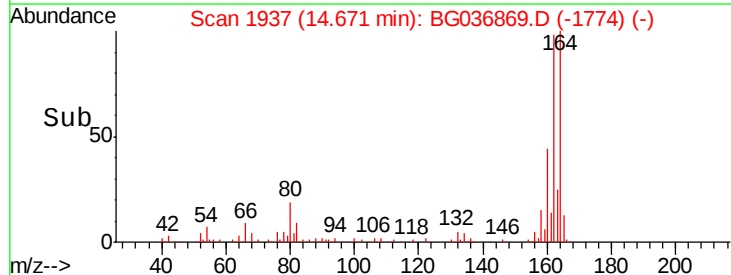
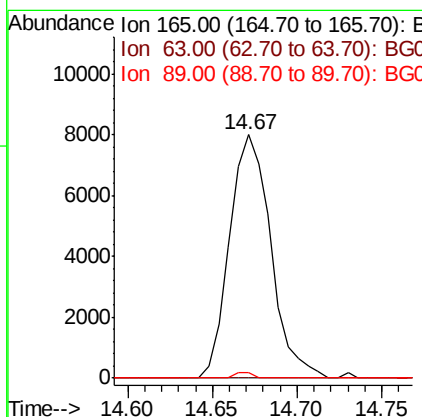
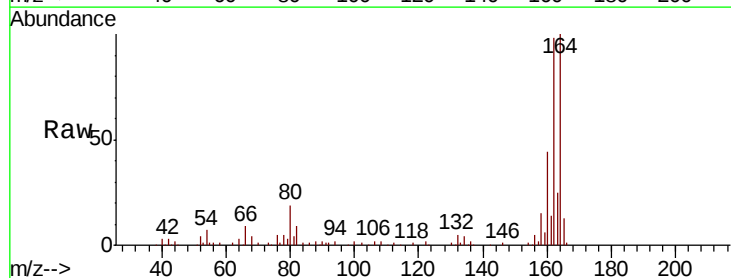
Instrument :
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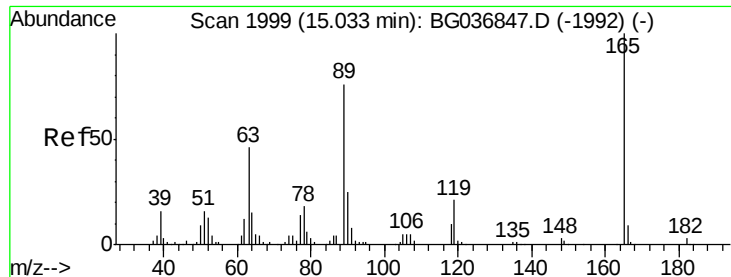
Tgt Ion:172 Resp: 571801
 Ion Ratio Lower Upper
 172 100
 171 38.1 31.3 46.9
 170 25.2 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.501 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.43 min
 Lab File: BG036869.D
 Acq: 21 Sep 2018 21:59

Tgt Ion:165 Resp: 13584
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 2.4 47.8 71.6#

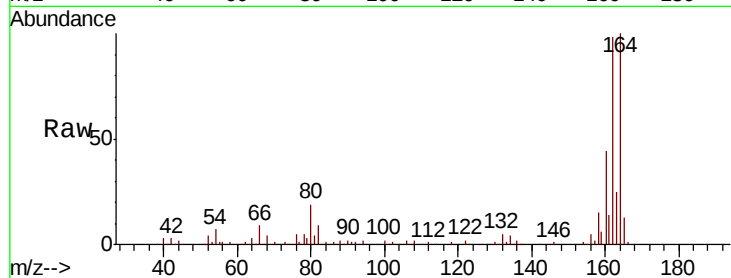




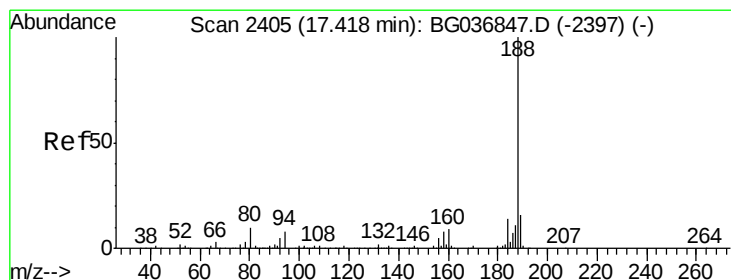
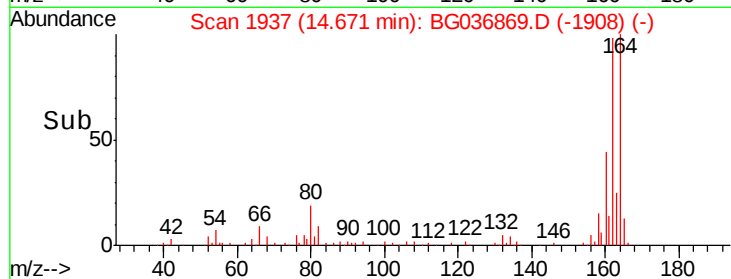
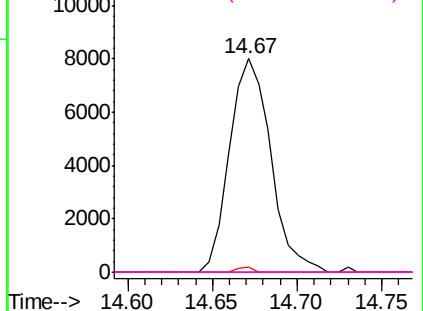
#56
 2,4-Dinitrotoluene
 Concen: 5.375 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.36 min
 Lab File: BG036869.D
 Acq: 21 Sep 2018 21:59

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-092018-B

Tgt Ion:	165	Resp:	13584
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.4	63.7	95.5#
182	0.0	2.5	3.7#

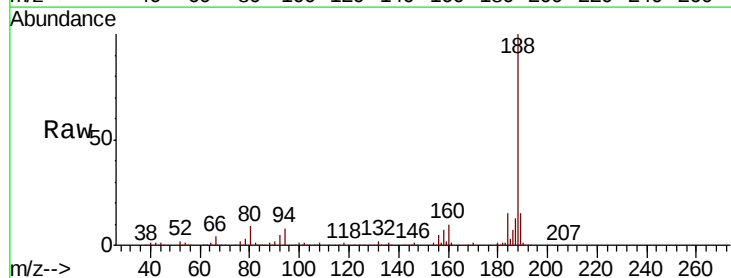


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

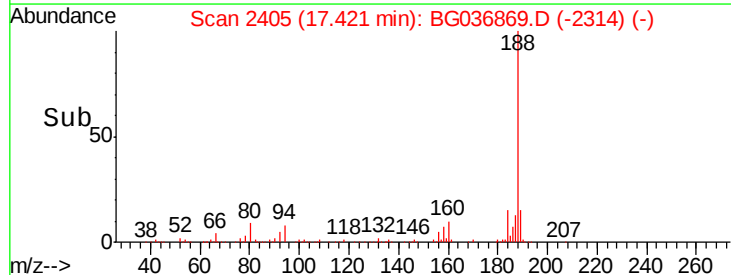
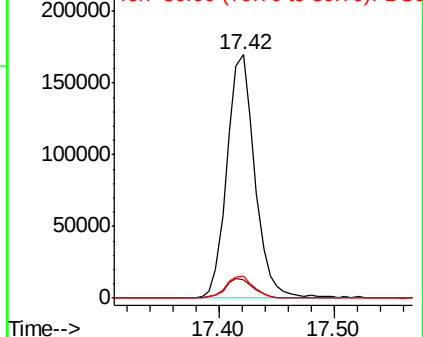


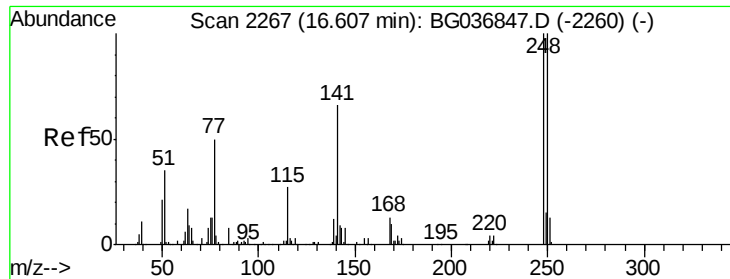
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. 0.00 min
 Lab File: BG036869.D
 Acq: 21 Sep 2018 21:59

Tgt Ion:	188	Resp:	284067
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	9.0	8.1	12.1



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

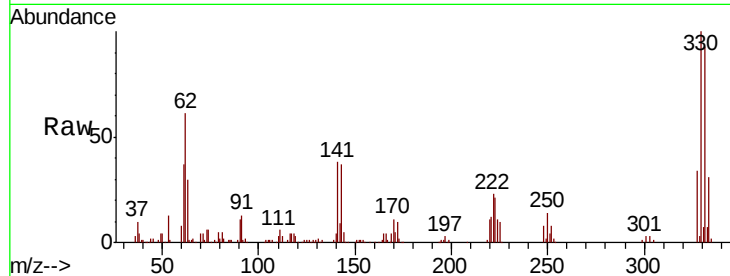




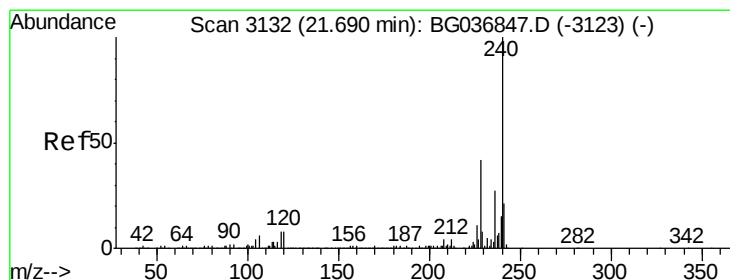
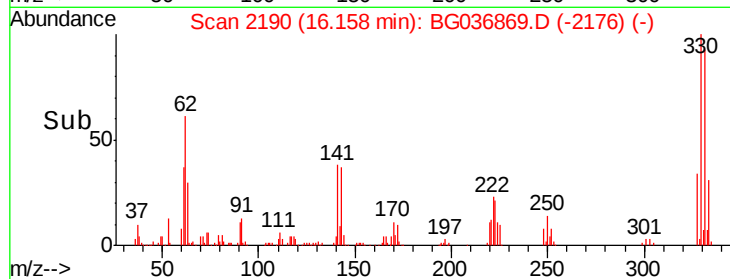
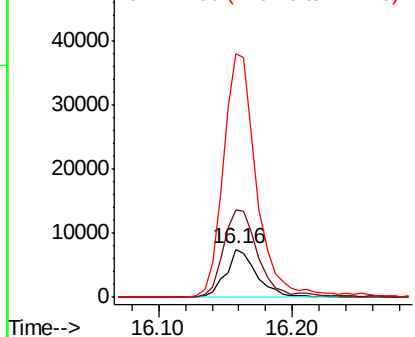
#66
 4-Bromophenyl-phenylether
 Concen: 3.748 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG036869.D
 Acq: 21 Sep 2018 21:59

Instrument :
 BNA_G
 ClientSampleId :
 PL-03-092018-B

Tgt Ion:248 Resp: 12111
 Ion Ratio Lower Upper
 248 100
 250 184.1 78.1 117.1#
 141 508.9 53.7 80.5#

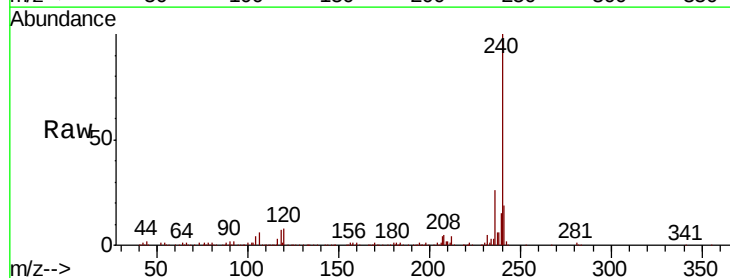


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

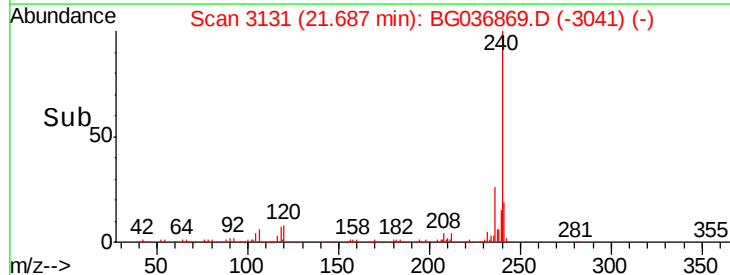
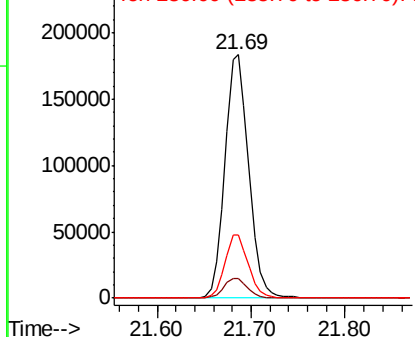


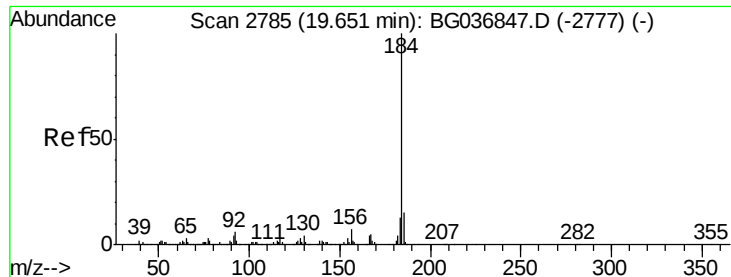
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.00 min
 Lab File: BG036869.D
 Acq: 21 Sep 2018 21:59

Tgt Ion:240 Resp: 323063
 Ion Ratio Lower Upper
 240 100
 120 8.1 6.9 10.3
 236 25.9 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

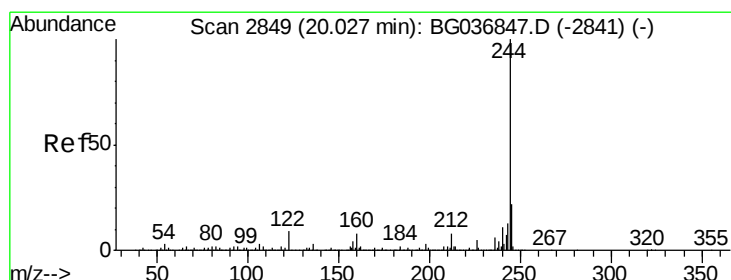
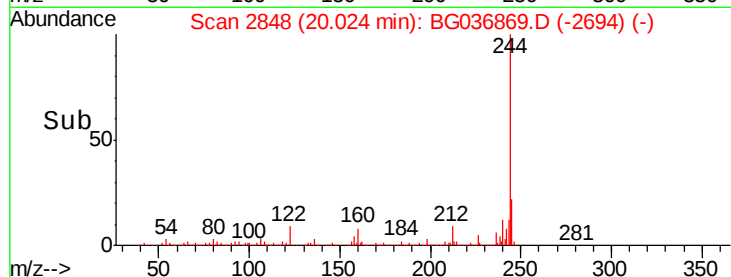
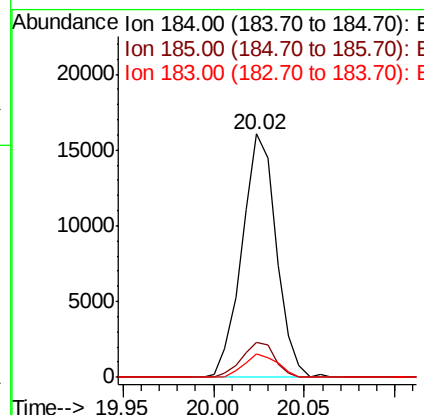
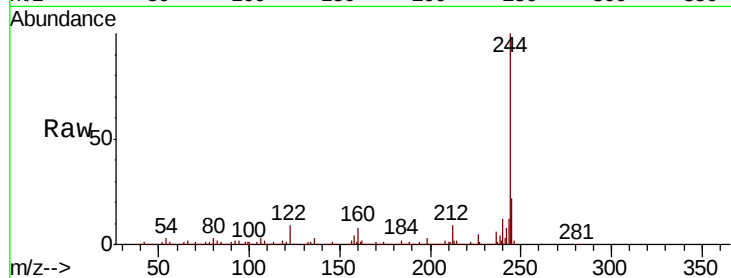




#76
Benzidine
Concen: 2.164 ng
RT: 20.02 min Scan# 2848
Delta R.T. 0.37 min
Lab File: BG036869.D
Acq: 21 Sep 2018 21:59

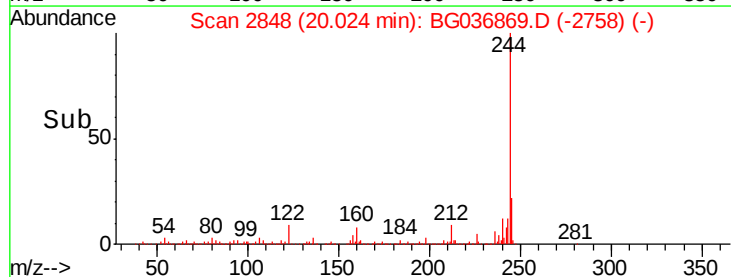
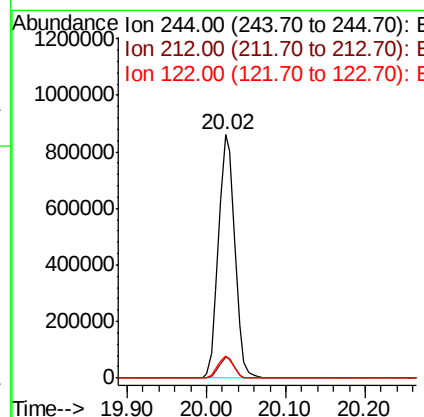
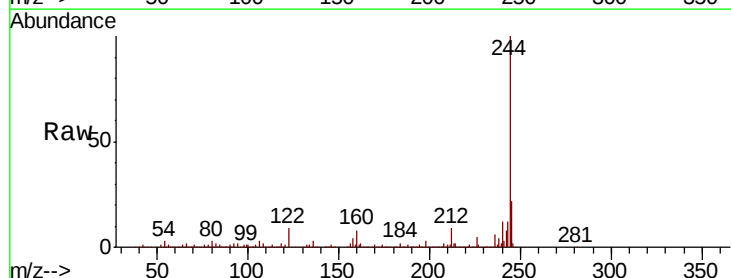
Instrument :
BNA_G
ClientSampleId :
PL-03-092018-B

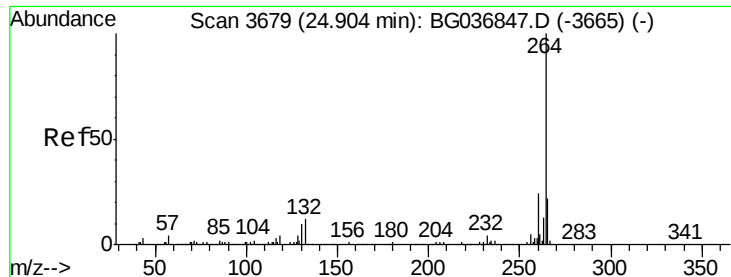
Tgt Ion:184 Resp: 21136
Ion Ratio Lower Upper
184 100
185 14.2 12.6 18.8
183 9.4 10.9 16.3#



#78
Terphenyl-d14
Concen: 99.989 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.00 min
Lab File: BG036869.D
Acq: 21 Sep 2018 21:59

Tgt Ion:244 Resp: 1228484
Ion Ratio Lower Upper
244 100
212 8.7 7.0 10.6
122 9.0 7.1 10.7

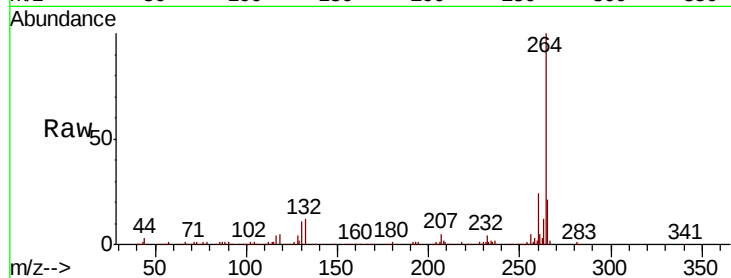




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036869.D
Acq: 21 Sep 2018 21:59

Instrument :
BNA_G
ClientSampleId :
PL-03-092018-B

Tgt Ion:	264	Resp:	320113
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.3	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
150000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

